

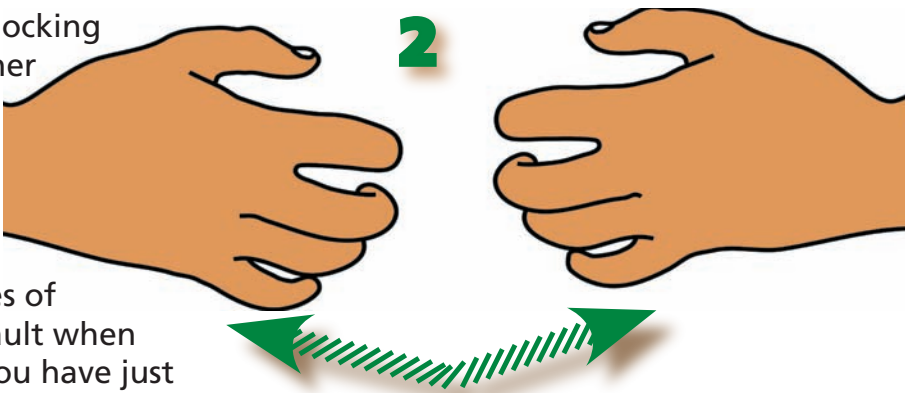
Just for Kids



What is an earthquake?
The answer is in your hands.
Lock your fingers together (as shown in picture).

1 With your fingers interlocked, slowly try to move your hands in opposite directions.

2 When the force locking your fingers together is no longer strong enough to keep your fingers interlocked, your hands jump apart. This is like two sides of the San Andreas Fault when they jump apart. You have just created an earthquake.



Help Your Family Get Ready

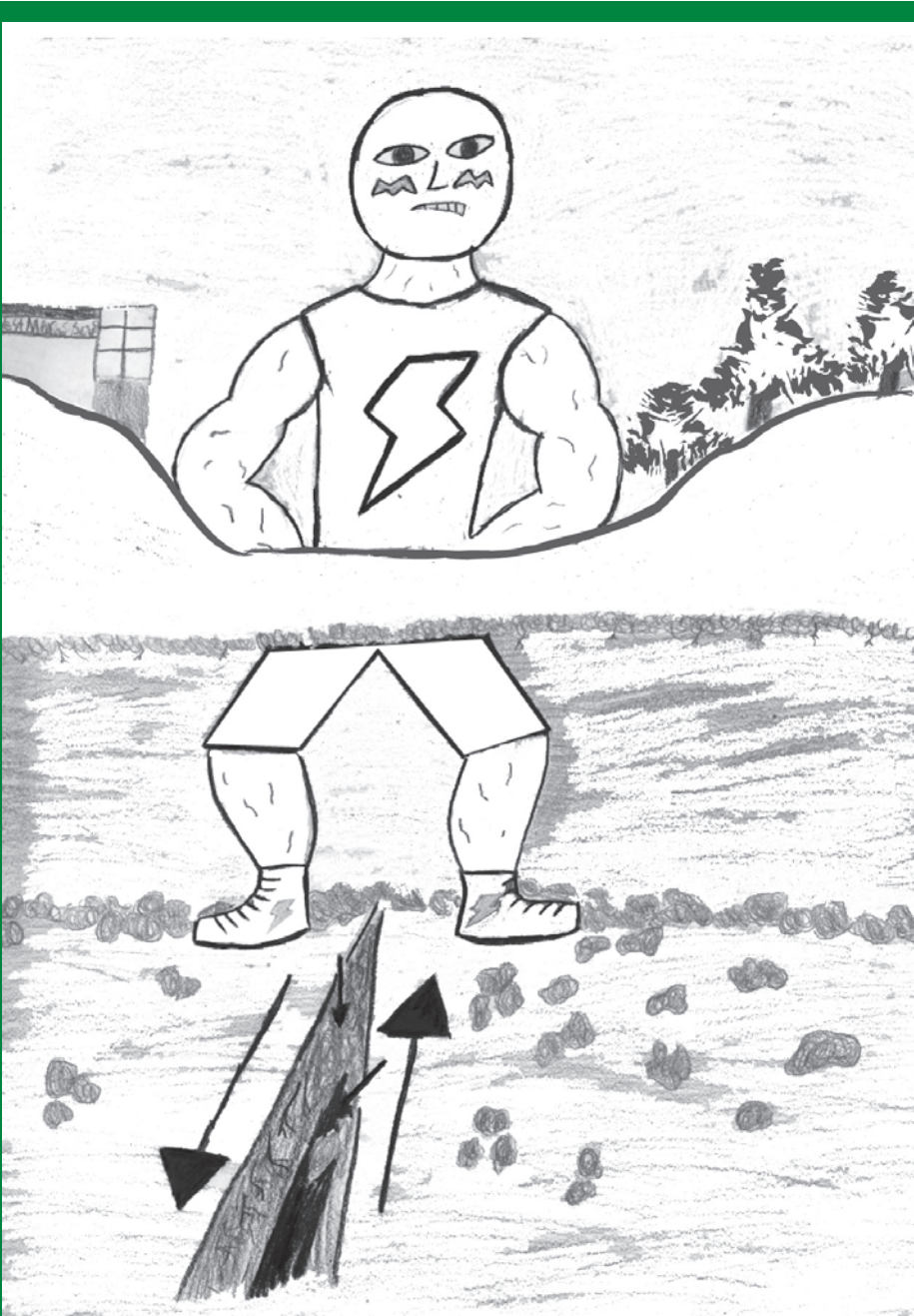
You can help your whole family prepare for an earthquake or other natural disaster. This can be a fun activity, if you all sit down, read page 6 of this newsletter, and have an earthquake drill.

Secure heavy things that could fall and hurt you like bookshelves, dishes and water heaters.

Make sure everyone has a pair of shoes under their beds so broken glass from windows won't cut your feet when you get out of bed.

Have an earthquake plan so that everyone will know where the safe places at home are, where to meet if you are apart when an earthquake hits, and any important phone numbers.

Create an earthquake kit, with food, water and first aid supplies.



Kari Carlsen, Beau Lino, and Gerald Tanner, West Marin School, 2005

SUPER GEOMAN lifts up the earth's surface so we can see the fault movement underneath. What color do you think he is?

E.A.D.S. (Earthquake Amnesia and Denial Syndrome)—Take the Test

Medical professionals have identified a syndrome affecting millions of Californians along the San Andreas Fault System. It is known as Earthquake Amnesia and Denial Syndrome or EADS. Experts believe that EADS, if not treated, will result in enormous damage and loss of life in the next big quake. Kids—check and see if you or any of your family suffers from this syndrome. Take the test!

1. Do you know where the major faults in your area are? Yes/No **Yes=5 points**
2. Do you think about earthquakes when surrounded by tall buildings, in old brick structures, under an overpass or on a bridge? Yes/No **Yes=5 points**
3. Do you know what kind of soil your home is built on? Yes/No **Yes=10 points**
4. Do you know why this matters? Yes/No **Yes=10 points**
5. Have you or your family identified hazards in your home, work, or school environments? Yes/No **What are they? Yes=10 points**

Add one point for each item (*up to 5 points*).

6. Have you taken actions to correct them? Yes/No **Yes=20 points**
7. Do you have an Earthquake Plan? Yes/No **Yes=20 points**
8. Do you have food and water stored in case of an earthquake? Yes/No **Yes=20 points**

If you have scored a 75 or below on this test, you may have Earthquake Amnesia and Denial Syndrome. Don't worry E.A.D.S. is treatable and can be cured. Use the 1906 Earthquake Centennial as a chance to get ready for the next big quake. Read through the rest of this paper to find out more about earthquakes and preparedness.

EARTHQUAKE SCRAMBLE

Q V A A R L S E D O D C Q E U R L Z C
D H O U D O L G G J H N P R L E A Z G
F G Y Z L T R T T E C M C N H N T D S
U V Y E N T G L R R J G I Z S O E E C
G E W A X B L T C Q E S D U V T T D T
R R M U T X X Y U E A M B M H S E X B
G Y A I T T A G W E R D O X N E C E D
U L J N K B Z I R E U V L R U M T K N
Y X G A I F B D X C O M E M D I O A N
K S Z O V T N S T U G C W X A L N U Q
J E R E V A E I D C N J X L C G I Q Q
A L Y L N V O R B E I O V E W A C H F
Y I J A C N Q U I H W N E G N X S T V
R K S H D N R C T P U M A T I P E R W
R L Y S E H S B G S N J A C P Q R A C
A H E N J K N A L L V A V G L G X E J
L W W T Y G O L O E G W X B M O M L O
V V P O P D Z J R F Q P B G P A V V Z

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|--------------------|-----------------|
| 1. geology | 9. earthquake |
| 2. granite | 10. san andreas |
| 3. science | 11. chert |
| 4. magma | 12. shale |
| 5. plate tectonics | 13. limestone |
| 6. mantle | 14. volcanic |
| 7. tremor | 15. subduction |
| 8. fault | |